

23. In a system for clarifying water and waste water, comprising:

- a mixing chamber;
- a flocculation chamber in fluid communication with the mixing chamber; and
- a flotation chamber in fluid communication with the flocculation chamber, the improvement comprising:
 - a buoyant media recovery unit in fluid communication with the flotation chamber and the flocculation chamber; and
 - solid buoyant media, wherein the solid buoyant media passes from the flocculation chamber to the flotation chamber and the buoyant media recovery unit.--